

New Zealand birds checked to Pennell & Brudsbart ^{and} Bull of Emu indicates what Saunders says is known of these fossils
 some of these ^{bones} were found to Thomas for purchase

★ OK Eurafteryx gravis OK (Owen 1870 as Dinornis gravis)
 Glenmark

Type skull
E. gravis Sydebekke 1891
 femur 247
 tibia 444
 tarsus 190

Pachyornis inabilis

3 comp. skeletons & other bones

★ Pachyornis elephantopus (Owen)
 " " "OK"

See below
P. elephantopus
E. " & E. ponderosa

★ OK Pachyornis pygmaeus (Hutton 1891)

Eurafteryx pygmaeus
 femur 195-196
 tibia 333-334
 tarsus 152a

femur, tibia & tarsus & cranium
 skull 164 long x 69 high

★ Mesopteryx casuarina Owen 1846

Shag Pt as Dinornis casuarinus =
 ★ Emeus crassus (Owen) 1846

Emeus casuarinus complete skull, 6 places, also other bones

E. crassus
 femur 254-532
 tibia 383-408
 tarsus 184-412

★ OK Pachyornis elephantopus (Owen) Shag Pt

Type sub desig. 1941 L tarsus Brit. Mus.

See below under Eurafteryx elephantopus & E. ponderosa (see below)

OK Dinornis torosus OK

Other types at T. torosus 1891 & tarsus 1893

Palafteryx pilosus D. strenuus
 actual type not noted.

D. novaezealandiae 2 places
 femur 267-294 comp. skull
 tibia 554-605 also skull elements
 tarsus 282-304

Eurafteryx ponderosa

E. ponderosa
 skeleton in Otago Mus., cran. mandible, tibia & tarsus Brit. Mus.

E. elephantopus comp. skull, 6 places & other bones many places

E. ponderosa 270-310
 femur 300-330
 tibia 530-600
 tarsus 220-240

Palafteryx dromioides (Owen)

★ Pachyornis elephantopus & P. inabilis
 See above

Palafteryx = Dinornis inzeus

Dinornis dromioides = Anomalapteryx didiformis

★ ★ = Anomalapteryx didiformis (Owen) complete skeletons (6 places)

Dinornis dromioides Owen 1846 by bones, cranium

femur 210-240
 tibia 460-480
 tarsus 250-260

Mesopteryx didina Hutton 1900

Megalapteryx didimus (Owen) 1883

Mesopteryx = Dinornis huttoni = Emeus

★ = Megalapteryx didimus (Owen) 1883 as Dinornis didimus (incomplete skull)

Skull, leg bones, phalanges, vertebrae, scapula & tracheal rings

femur length 260
 tibia 360-390
 tarsus 170-200

OK Dinornis robustus Owen 1846 type lost

= D. inzeus complete skeletons 2 places also other bones
 femur 366-368 tibia 703-725 tarsus 380-394

moa fauna
#331 length 270 D. noraegealoides 267-310 max 113 D. norae 89-106 dist. 124 D. norae (105-123)
Europ. ponderosa 270-310 E. ponderosa ?-114 E pond. 127
mid. 46.5 D. noraegeal. 41-48
E. ponderosa ?-51
E. kusanius 44

#315 length 243 Anomalopteryx didiformis 240-260 prox 98 E. huttoni 86 dist 95 E. huttoni 94
Eurapteryx grangeri 240-260 mid. 37 E. huttoni 35
Emeus huttoni 230-260

#316 length 280 E. casuarinus 261-280 prox 110 E. casuarinus 110 dist. 120 E. casuarinus 121
D. noraegeal 267-296
E. casuarinus 280-310 mid. 42.5
D. noraegeal. 41-48
E. casuarinus 47

#317 length 276 D. noraegeal. 267-300 prox 114 Eurapteryx ponderosa 114 mid. 45.2
E. casuarinus 285 E. grangeri 102 D. noraegeal. 41-48
Eurapteryx ponderosa 284-310 dist 126 E. ponderosa 127 E. ponderosa 45-51
" grangeri 246-260 E. grangeri 104 E. grangeri 44

#318 length 302 Eurapteryx elephantopus 299-330 prox 112 E. ponderosa 114 mid. 43
D. noraegeal. 267-300 E. casuarinus 110 D. noraegeal. 41-48
E. casuarinus 280-310 dist. 114 D. noraegeal. 105-123 E. grangeri 44
E. casuarinus 121

#354 length 321 E. elephantopus 299-330 prox 7 dist 146 E. elephantopus 145-155
D. inferus 340-370 mid. 56.5 D. inferus 142-145
D. giganteus 380-410 E. elephantopus ?-38 D. giganteus 144-159
D. inferus 41
D. sig. 43-47

#326 length 312 E. elephantopus 299-330 prox 123 E. elephantopus 119-129 dist. 131 E. casuarinus 121
E. ponderosa 234-310 mid. 47 E. casuarinus 47 E. elephantopus 145-155
E. casuarinus 280-310 D. noraegeal. 41-48
E. ponderosa 45-51

#394 length 219 D. diemoides 210-244 prox 83 A. didiformis 82-83 dist. 86 Anom. didiformis 78-86
A. parvus 200-220 ✓ Odiemoides 75-89 D. diemoides 75-91
E. exilis 190-220 E. pygmaeus 84-91
✓ E. pygmaeus 190-220 mid. 31.2 A. didiformis 30-34
M. huttoni 195-221 E. pygmaeus 34
E. exilis 30-33

at La museum

Emafleryx gravis Owen (= *E. gravis* per @ Laubert)
Emafleryx ponderosa (PB) put *ponderosa* + *elephantopus*
under *Pachyornis elephantopus*

Dinornis robustus Owen

Dinornis torosus Hutton (= *D. noronae* @ Laubert)
Dinornis strenuus (= *D. torosus* PB + *D. noronae* Laubert)

Dinornis potens

Pachyornis inhaabatus Hutton (= *P. ponderosa* Laubert
+ *P. elephantopus* of Beal)

P. pygmaeus Hutton (orig. in *Emafleryx*)

Mesapteryx casuarina Owen (= *Emeus crassus* @ PB)

Mesapteryx didima (= either *Emeus huttoni* or *Megalapteryx didimus*?)

Mesapteryx rheides (= *Emafleryx gravis* @ Laubert)

Megalapteryx didimus

Palaefleryx plena (= *Dinornis torosus* @ PB)
or *D. noronae* Laubert

stayed seven in that "SBL" up to PB, as the number of legs.

Palaefleryx dionisioides (= *Anomalopteryx didiformis* @ PB)
father and mother looked decent but not as good as *Dinornis dionisioides* @ Laubert

There were two other children, girls, one a male for
promising her.

Leslie had to get the safety locks for the windows he had been
seven; and with three or four more boys; how her husband would
and she told herself she was not prejudiced, but a family of
she was terrified. She had heard that the new owner was black.

As both Martin watched the family move in across the street.

BY HILDEGARDE WYLLIE

IN TRANSITION

600
125
2)475/232 61
52

IN TRANSITION

By Hildegard Wylde

As Beth Martin watched the family move in across the street, she was terrified. She ^{had} heard that the new owner was black, and she told herself she was not prejudiced. But a family of seven! And with ^{had} three big, teen-age boys! Now her husband would really have to get the safety locks for the windows he had been promising her.

There were two other children, girls, one a mere tot. Father and mother looked decent enough. But how could they sleep seven in that "2Br, Dn, 1 Ba" as the newspaper ad read?

"Oh, come on, Beth,

Identified Moa bones

SKULLS

- No. 1 Eurapteryx gravis (Owen)
(Identify by broad, blunt rostrum and short skull)
No887 Dinornis robustus (partially reconstructed) Owen
(Identify by broad, long rostrum, curved below)

STERNA

- No.83 Pachyornis inhabilis Hutton (=P. elephantopus @ Brodkorb)
(Identify by br. of sternum 7-8In. = 167-203 mm.)
No.95 Pachyornis elephantopus
No.84 Pachyornis pygmaeus (Hutton)(Originally placed in Eurapteryx)
(no data on ~~sterna~~ in Lambrecht)
No.85 Mesopteryx casuarina (Owen) (= Emeus crassus (Owen) @ Brodkorb)
(Identify by br. 112?, length 110 crassus
length 132-172 D. casuarinus @ Lambrecht)

PELVES

- No104 Mesopteryx casuarina (see above under STERNA)
Length Emeus casuarina 16-18½ in. = 406-469 mm. @ Lambrecht
No105 Dinornis torosus Hutton
Length pelvis 383 mm @ Lambrecht who calls it D. novaezealandiae
No.641 Mesopteryx didina (is this Megalapteryx didinus (Owen) or
Emeus huttoni (Owen)? The sp. is listed under both of these
in Lambrecht. Can't find it listed at all in Brodkorb, but
Mesopteryx is given as a synonym under Emeus in Brodkorb
(length of pelvis of Emeus huttoni given by Lambrecht as
15.5 inches = 393 mm)

FEMORA

- No.317 Eurapteryx gravis (Right)
(= E.gravipes @ Lambrecht; length femur 240-260)
No.315 Mesopteryx didina (Left) (see under pelvis 641)
No386&388 also Length femur Megalapteryx didinus 264mm @ Lambrecht, br30 (Midsh)
No.316 Mesopteryx casuarina (see Sterna no. 85) left femur
Length 261-263 mm, br. 32 99-112 middle shaft?? (38?)
No.401 M. casuarina left femur immature
No.400 " " right " "
No394 Palapteryx plena (=Dinornis torosus @ Brodkorb) left femur
No.396 " " " " " " right femur
Lambrecht gives as synonymy of Dinornis novaezealandiae
Length femur D. novaezealandiae 296-208, br 48-41
No. 318 Mesopteryx rheides (= Euryapteryx gravipes @ Lambrecht
length of femur Eurapteryx gravipes 247, br 44 (mid.sha)

TIBIOTARSI

- no. 122 Pachyornis inhabilis (right)(see sterna no. 83)
No.182 " " "(cut to show structure of shaft)
Lambrecht equates with Euryapteryx elephantopus or ponderosus
Length elephantopus 536-539; P. ponderosus 470-512
No.134 Palapteryx dromioides (Owen)= Anomalopteryx didiformis @ Brodkorb
but Lambrecht calls it Dinornis dromiodes (orig. designa)
Length tibiotalarsus Dinornis dromiodes 463-480, br.30-38
" " A.didiformis 393-406, br33-34
No. 127 Mesopteryx casuarina left tibiotalarsus
No. 200 " " " "
No. 129 " " right "
No. 118 " " " "
No. 210 " " left " }

TIBIOTARSI continued

- No. 189 Mesopteryx didina left tibiotalarsus } set 1
 No. 198 " " right " }
 No. 206 " " " " }
 No. 121 Eurapteryx ponderosa left tibiotalarsus
 Length tibia @Lambrecht 457-512, br sh43-48
 No. 183 Emeus crassus (prox. end missing) right tibiotalarsus
 Length @ Lambrecht 482, br. sh 48
 Brodkorb puts ponderosus and elephantopus together under
 Pachyornis elephantopus = length tibia 536-569, br. sh 53

TARSOMETARSI

- No. 895 Dinornis (no sp. given) left tarsus distal end removed for struc
 No. 230 Dinornis strenuus right tarsus
 No. 234 " " " " = D. torosus @ Brodkorb
 and D. novaezealandiae @ Lambrecht
 Length tarsus @ Lambrecht 282-305 br. sh38-41
 No. 251 Mesopteryx didina left tarsus } set 1
 No. 252 " " right " }
 Length Megalapteryx didinus @ Lambrecht 173-190, br. 27-31
 No. 225 Mesopteryx casuarina right tarsus
 Length Emeus casuarinus @Lambrecht 64-78, br. 43

COMPOSITE FOOT

- No. 106 Dinornis potens
 No. 643 Mesopteryx didina left

SETS

- Set 1 Mesopteryx didina
 Tibiotarsi 189(left, 198(right, ~~206~~)
 tarsometatarsi 251(left), 252 (right
 femora 386 right, 388 left
 Set 2 Mesopteryx casuarina
 pelvis 104
 tibiotarsi 118, right; 210, left, 383 left femur
 Set 3 Mesopteryx
 108 right tibiotarsus
 253 right tarsometatarsus
 Set 4 Mesopteryx
 104 left tibiotarsus, 254, left tarsometatarsus
 Set 6 Mesopteryx casuarina 241 rt. tarsus
 Set 7 Unnamed tibiotarsi 188left, 197 right; tarsi 246, 247 right 390 left femur
 Set 8 unnamed, right tibia 191; 384, 385 right and left femora
 Set 9 unnamed right tibio 209
 Set 10 Mesopteryx right and left tibiae 145-146
 Specimen 20 207 left tibia, 249 left tarsus, 613 left fibula
 Specimen 18 211 immature right tibia

Mesopteryx didilia set 1

(#189 left Tibia N 2
 (#198 right Tibia N 2

(#251 left Tarsus N 2
 (#252 rt Tarsus N 2

✓ #386 rt femur N 2
 ✓ #388 2 left femur? blurred in list
 Mesopteryx casuarina set 2 N 2

Mesopteryx no. 2
 210 left Tibia

#104 pelvis N 2

(#118 rt Tibia N 2

(#210 left Tibia (Mesopteryx no. 2")
 does this mean
 M. cas. set 2? N 2

Mesopteryx (set 3)

#108 rt Tibia
 #253 rt Tarsus

Mesopteryx casuarina (set no. 6)
 #241 rt Tarsus

Mesopteryx (set 4)

#109 left Tibia
 #254 left Tarsus

No name (set 9)
 #209 rt Tibia

Mesopteryx (set 10)

#145 rt Tibia N 2
 #146 left Tibia N 2

No name (set #7)

#188 left Tibia 390 rt femur
 192 rt Tibia
 246 rt Tarsus
 247 rt Tarsus

No name (no. 8)

#191 rt Tibia
 #384 rt femur
 #385 left femur

Specimen 20

bone no. 87 = #207 left Tibia
 " no. 89 = #249 left Tarsus
 " no. 88 = #613 left fibula

no. 18 = #211 immature
 rt Tibia

#880
 "R. p. 100 #211"

Moa tibiae range from ^{243-259 A/ owenii} 123-129 mm ~~Dinodius casuarinus~~
to 838-990 mm ~~Dinornis maximum~~

① Skull of Eurapteryx gravis

Brooksb. Type Dinornis gravis Owen - a skull from Kakanui.
 Check Emeus gravis Lydekker 1891 - D. gravis a synonym @ D. Brooksb.
 (a synonym of Eurapteryx gravis @ D. Brooksb.)

Broad blunt rostrum + short skull.

317 rt humerus Eurapteryx gravis

83 Sternum Pachyornis inabilis (= Dinornis elephantopus + (Lambert's D. elephantopus in Eurapteryx)

Lambert says sternum as in Emeus (for Eurapteryx + he puts inabilis in Eurapteryx)

(Only Dinornis has broad, short median process of sternum)

Br. of sternum in Eurapteryx elephantopus (= Pachyornis ponderosus)

16 7/8 - 20 3/8 (eleph.)

122 right tibia P. inabilis 210mm (ponderosus) same st. (cut & show structure)

89 Sternum Pachyornis pygmaeus (Eurapteryx pygmaeus)

Only skull measurements given in Lambert

95 Sternum Pachyornis elephantopus (same as 83 P. inabilis)

br. sternum 7-8 inches

641 Mesapteryx didua pelvis, 643 comports left foot same st. (as casuarina)

85 Sternum Mesapteryx casuarina (= Emeus)

Br. sternum casuarina 110 length 112?

206 rt tibia Mesapteryx didua 315 left tibia same st.

104 pelvis Mesapteryx casuarina 16-18 1/2 inches (406-469mm)

Length pelvis Emeus casuarina (sp not given)

893 Dinornis left tarsus (dist end removed to show structure)

105 pelvis Dinornis forsteri

887 Skull Dinornis robustus (partially reconstructed)

106 comports foot Dinornis potens

130 rt tarsus Dinornis strenuus

234 rt " "

21 left tibia Eurapteryx ponderosa 400 im. rt femur in casuarina

316 left tibia in casuarina

225 rt tibia in casuarina

127 left tibia Mesapteryx casuarina

127 left tibia Mesapteryx casuarina

29 rt " "

134 left " "

Palapteryx dromioides Teanta N.2

183 at Tibia Emeus crassus (max end missing)

318 left femur Mesopteryx recheides

394 left femur Palapteryx plena
396 rt " " "

Mo

4 traps in ↓ 32 (91 more to go)

Levee

4th case from
Shallip's office ~~and~~

Seneca

[illegible]

from Paubrecht ("nach Oliver")

[illegible]

MOA FOSSILS

No.	NAME	LOCATION
1	Skull, <i>Macropteryx gravie</i>	Clermark, New Zealand
2	Skull	
3	Skull	
4	Skull	
5	Skull	
6	Skull	
7	Skull	
8	Skull	
9	Skull	
10	Skull	
11	Skull	
12	Skull	
13	Skull	
14	Skull	Sand bed
15	Skull	
16	Skull	Sand bed
17	Skull	
18	Skull	
19	Skull	
20	Skull	
21	Skull	
22	Skull	
23	Skull	
24	Skull	
25	Dentary bone	
26	" "	
27	" "	
28	" "	
29	" "	
30	" "	
31	" "	
32	Quadrates	
33	" "	
34	" "	
35	" "	
36	Left mandible	
37	" "	
38	Right mandible	
39	" "	
40	Articular bone	
41	" "	
42	" "	
43	" "	
44	" "	
45	" "	
46	" "	
47	" "	
48	" "	
49	" "	
50	" "	
51	" "	
52	Dentary bone, single, right	
53	" " " left	
54	" " " "	
55	" " " "	

MOA FOSSILS

NO	NAME	LOCATION
57	Dentary bone, single	
58	Dentary bone, fragment	
59	" " "	
60	Premaxilla bone	
61	" "	
62	" "	
63	" "	
64	Brain case, fragments	
65	" " "	
66	Jugal bone	
67	" "	
68	" "	
69	" "	
70	" "	
71	" "	
72	" "	
73	" "	
74	" "	
75	" "	
76	" "	
77	Nasal bone	
78	" "	
79	" "	
80	Set of 35 gastroliths in ricker mount	
81	Trachea rings, set of 26 in ricker mount	
82	Trachea rings, set of 9 in ricker mount	
83	Sternum, <i>Pachyornis inhaabilis</i>	Enfield, New Zealand
84	Sternum, <i>Pachyornis pygmaeus</i>	" "
85	Sternum, <i>Mesopteryx casuarina</i>	" "
86	Sternum	" "
87	Sternum	" "
88	Sternum	" "
89	Sternum	" "
90	Sternum	" "
91	Sternum	" "
92	Sternum	Shag Point, New Zealand
93	Sternum	" "
94	Sternum	" "
95	Sternum, <i>Pachyornis elephantopus</i>	" "
96	Sternum	" "
97	Sternum perfect	" "
98	Sternum fragment	" "
99	Sternum perfect	" "
100	Sternum	" "
101	Foot composite mounted on pedestal	" "
102	Egg Cast	
103	" "	
104	Pelvis, <i>Mesopteryx casuarina</i> , Owen, (set 2)	" "
105	Pelvis, <i>Dinornis torosus</i>	" "
106	Foot composite, <i>Dinornis potens</i>	" "
107	Sternum	" "
108	Tibia, right, <i>Mesopteryx</i> , (set 3)	" "
109	Tibia, left, <i>Mesopteryx</i> , (set 4)	" "
110	Tibia, left	" "
111	Tibia, right	" "
112	Tibia, left	" "

MOA FOSSILS

NO.	NAME	LOCATION
113	Tibia, left	New Zealand
114	Tibia, left	" "
115	Tibia, left	" "
116	Tibia, right	" "
117	Tibia, right	" "
118	Tibia, right, <i>Mesopteryx casuarina</i> , Owen. (set 2)	" "
119	Tibia, left	" "
120	Tibia, right	" "
121	Tibia, left, <i>Euryapteryx ponderosa</i>	" "
122	Tibia, right, <i>Pachyornis inhamilis</i>	" "
123	" left	" "
124	" right	" "
125	" left	" "
126	" right	" "
127	" left, <i>Mesopteryx casuarina</i> , (Owen)	" "
128	" left	" "
129	" right, <i>Mesopteryx casuarina</i> , (Owen)	" "
130	" right	" "
131	" right	" "
132	" left	" "
133	" right	" "
134	" left	" "
135	" left	" "
136	" right	" "
137	" left, immature, showing incomplete fusion of the proximal crest	New Zealand
138	" right	" "
139	" left	" "
140	" right	" "
141	" left	" "
142	" right	" "
143	" left	" "
144	" right	" "
145	" right	" "
146	" right, (set 10)	" "
147	" left, (set 10)	" "
148	" right	" "
149	" right	" "
150	" left	" "
151	" right	" "
152	" left	" "
153	" right	" "
154	" right	" "
155	" right	" "
156	" left	" "
157	" right	" "
158	" left	" "
159	" right	" "
160	" right	" "
161	" left	" "
162	" left	" "
163	" left, <i>Palapteryx dromioides</i>	Taupo, New Zealand
164	" right	New Zealand
165	" right, showing fusion of proximal crest	" "
166	" right, showing fusion of proximal crest	" "
167	" right, <i>Mesopteryx rhoides</i>	" "

MOA BONES

NO.	NAME	LOCATION
169	Tibia, right	New Zealand
170	" right	" "
171	" right	" "
172	" left	" "
173	" right	" "
174	" right	" "
175	" left	" "
176	" left	" "
177	" left	" "
178	" left, showing incomplete fusion of the proximal crest	" "
179	" right	" "
180	" right	" "
181	" left, showing incomplete fusion of the proximal crest	" "
182	" right, Pachyornis inabilis with proximal end removed showing internal structure of the shaft.	" "
183	" right, Eacus crassus with proximal end missing	New Zealand
184	" left	" "
185	" left	" "
186	" right, incomplete fusion, proximal crest	" "
187	" right	" "
188	" left, (set No. 7)	" "
189	" left, Mesopteryx didina, (Owen) set no. 1	" "
190	" right	" "
191	" right, (set no. 8)	" "
192	" left	" "
193	" right, incomplete fusion, proximal crest	" "
194	" left	" "
195	" left	" "
196	" left	" "
197	" right, (set no. 7)	" "
198	" right, Mesopteryx didina, (Owen) set no. 1	" "
199	" right, immature,	Glenmark, New Zealand
200	" left, Mesopteryx casuarina	New Zealand
201	" right, immature	Glenmark, New Zealand
202	" right, immature	" " "
203	" right, immature, cut to show structure	" " "
204	" right, immature	" " "
205	" right, immature	" " "
206	" right, Mesopteryx didina	New Zealand
207	" left, (spec. 20 no. 87)	" "
208	" left	" "
209	" right, (set no. 9)	" "
210	" left, Mesopteryx, no. 8	" "
211	" right, immature, (no. 16)	Glenmark, New Zealand
212	Tarsus, right	New Zealand
213	" right	" "
214	" right	" "
215	" right	" "
216	" left	" "
217	" right	" "
218	" left	" "
219	" right	" "
220	" left	" "
221	" right	" "
222	" right	" "
223	" left	" "

MOA FOSSILS

NO.	NAME	LOCATION
224	Tarsus, right	New Zealand
225	" right, <i>Mesopteryx casuarina</i>	" "
226	" left	" "
227	" right	" "
228	" right	" "
229	" left	" "
230	" right, <i>Bimotus strenuus</i>	" "
231	" right	" "
232	" left	" "
233	" left	" "
234	" right	" "
235	" right	" "
236	" right	" "
237	" left	" "
238	" right	" "
239	" right	" "
240	" right	" "
241	" right, <i>Mesopteryx casuarina</i> , (Owen) set no. 6	" "
242	" right	" "
243	" left	" "
244	" left	" "
245	" left	" "
246	" right, (set no. 7)	" "
247	" right, (set no. 7)	" "
248	" left	" "
249	" left, (spec. 33 bone 29)	" "
250	" right	" "
251	" left, <i>Mesopteryx didina</i> , Owen (set 1)	" "
252	" right, " " (set 1)	" "
253	" right, <i>Mesopteryx</i> (set 3)	" "
254	" left, " (set 4)	" "
255	" left	" "
256	" right	" "
257	" right	" "
258	" left	" "
259	" right	" "
260	" right	" "
261	" right	" "
262	" left	" "
263	" left	" "
264	" left	" "
265	" right	" "
266	" right	" "
267	" left	" "
268	" left	" "
269	" left	" "
270	" right	" "
271	" left	" "
272	" left	" "
273	" left	" "
274	" left	" "
275	" left	" "
276	" left	" "
277	" left	" "
278	" left	" "

MOA FOSSILS

NO.	NAME	LOCATION
279	Tarsus, left	New Zealand
280	" right	" "
281	" right	" "
282	" left, (by Haast?)	" "
283	" right (by Haast?)	" "
284	" right, <i>Dinornis strenuus</i>	" "
285	" right, immature	" "
286	" right, immature	" "
287	" left, immature	" "
288	Phalanx, left	" "
289	" right	" "
290	" left	" "
291	" right	" "
292	" left	" "
293	" left	" "
294	" left	" "
295	" right	" "
296	" right	" "
297	" right	" "
298	" left	" "
299	" right	" "
300	" left	" "
301	" right	" "
302	" left	" "
303	" right	" "
304	" left	" "
305	" left	" "
306	" left	" "
307	" left	" "
308	" right	" "
309	" left	" "
310	" left	" "
311	" right	" "
312	" right	" "
313	" left	" "
314	" left	" "
315	" left, <i>Mesopteryx didina</i> , Owen	" "
316	" left, <i>Mesopteryx canmarina</i>	" "
317	" right, <i>Eurypteryx gravis</i>	" "
318	" left, <i>Mesopteryx rebeides</i> <i>rebeides?</i>	" "
319	" left	" "
320	" right	" "
321	" right	" "
322	" right	" "
323	" left	" "
324	" right	" "
325	" left	" "
✓ 326	" left	" "
327	" right	" "
328	" left	" "
✓ 329	" left	" "
✓ 330	" right, immature	" "
✓ 331	" right	" "
✓ 332	" left	" "
✓ 333	" right	" "

Sand bed

✓ 2 measured

MOA FOSSILS

NO.	NAME	LOCATION
334	Femur, left	New Zealand
335	" right	" "
✓ 336	" left	" "
337	" right	" "
✓ 338	" left	" "
✓ 339	" left	" "
340	" right	" "
✓ 341	" right	" "
✓ 342	" left	" "
✓ 343	" right	" "
✓ 344	" left	" "
✓ 345	" right	" "
✓ 346	" right	" "
✓ 347	" right	" "
✓ 348	" right	" "
✓ 349	" left	" "
✓ 350	" right	" "
✓ 351	" right	" "
✓ 352	" left	" "
✓ 353	" right	" "
✓ 354	" right	" "
✓ 355	" left	" "
✓ 356	" right	" "
✓ 357	" right	" "
✓ 358	" right <i>perfect</i>	Sand bed
✓ 359	" right	" "
✓ 360	" left	" "
✓ 361	" left	" "
✓ 362	" left	" "
363	" left	" "
364	" right	" "
365	" right	" "
366	" right	" "
367	" right	" "
368	" right	" "
✓ 369	" left	" "
370	" right	" "
371	" left	" "
372	" right	" "
373	" right	" "
374	" left	" "
375	" left	" "
376	" right	" "
377	" right	" "
378	" right	" "
379	" left	" "
380	" right	" "
381	" left	" "
382	" right	" "
383	" left (No. 2)	" "
384	" right (set No. 8)	" "
385	" left (set No. 8)	" "
386	" right (set No. 8)	" "
387	" left (set No. 8)	" "
388	" right (set No. 8)	" "

MOA FOSSILS

NO.	NAME	LOCATION
389	Femur, left	New Zealand
390	" right (set No. 7)	" "
391	" right	
392	" left	
393	" right	
394	" left, Palapteryx plena	Glenmark, New Zealand
395	" left	
396	" right, Palapteryx plena	Glenmark, New Zealand
397	" left	
398	" right	
399	" right	
400	" right, Immature Mesopteryx casuarina	Glenmark, New Zealand
401	" left " " "	" " "
402	" left, immature	
403	" right, immature	Glenmark, New Zealand
404	" left, " " "	" " "
405	" Proximal head of right femur with shaft diagonal cut to show interior structure	
406	" Proximal head of right femur with shaft cut at right angles to show interior structure	
407	" Distal end of left femur with shaft diagonal cut to show interior structure	
408	" Distal end of left femur with shaft cut at right angle to show internal structure	
409	" Distal end of left femur with shaft cut at right angles to show internal structure	
410	"	
411	Tibia Distal end of left tibia with shaft cut diagonal and longitudinal	
412	" Distal end of left tibia with shaft cut diagonal and longitudinal	
413	" Portion of the head of left tibia showing internal structure also with shaft cut diagonally.	
414	" Proximal head of left tibia with shaft cut at right angles to show internal structure	
415	" Proximal head of right tibia cut diagonally to show internal structure.	
416	tarsi Distal end of right tarsi with shaft cut at right angles showing internal detail of fusion of the 3 metatarsal bones in an adult moa.	
417	Rib right	
418	" right	
419	" right	
420	" right	
421	" right	
422	" right	
423	" left	
424	" left	
425	" right	
426	" right	
427	" right	
428	" left	
429	" left	
430	" left	
431	" right, with uncinate process	
432	" right, " " "	
433	" right, " " "	

MOA FOSSILS

NO.	NAME	LOCATION
	Rib right, with uncinate process	NEW ZEALAND
437	" right	
438	" right	
439	" right	
438	" right	
439	" right	
440	" right	
441	" right	
442	" right	
443	" right	
444	" right	
445	" right	
446	" right	
447	" right	
448	" "	
449	" "	
450	" "	
451	" "	
452	" "	
453	" "	
454	" "	
455	" "	
456	" "	
457	" "	
458	" "	
459	" "	
460	" "	
461	" left	
462	" "	
463	" "	
464	" "	
465	" "	
466	" "	
467	" "	
468	" "	
469	" "	
470	" "	
471	" "	
472	" "	
473	" "	
474	" "	
475	" "	
476	" "	
477	" "	
478	" "	
479	" right	
480	" "	
481	" "	
482	" "	
483	" "	
484	" "	
485	" "	
486	" "	
487	" "	
488	" "	
489	" "	
490	" "	

MOA FOSSILS

NO.	NAME	LOCATION
491	Rib right	New Zealand
492	" "	
493	" "	
494	" "	
495	" "	
496	" "	
497	" "	
498	" "	
499	" "	
500	" "	
501	" "	
502	" "	
503	" "	
504	" "	
505	" "	
506	" "	
507	" "	
508	" "	
509	" left rib with uncinate process	
510	" "	
511	" "	
512	" "	
513	" left	
514	" "	
515	" "	
516	" "	
517	" "	
518	" "	
519	" "	
520	" "	
521	" "	
522	" "	
523	" "	
524	" "	
525	" "	
526	" "	
527	Fibula right	
528	" "	
529	" "	
530	" "	
531	" left	
532	" "	
533	" "	
534	" right	
535	" left	
536	" "	
537	" "	
538	" right	
539	" "	
540	" left	
541	" "	
542	" "	
543	" right	
544	" "	
545	" left	
546	" "	

MOA FOSSILS

NO.	NAME	LOCATION
549	Fibula left	New Zealand
550	" right	
551	" left	
552	" right	
553	" left	
554	" "	
555	" right	
556	" "	
557	" "	
558	" "	
559	" "	
560	" "	
561	" "	
562	" "	
563	" "	
564	" "	
565	" "	
566	" "	
567	" "	
568	" "	
569	" "	
570	" "	
571	" "	
572	" "	
573	" "	
574	" "	
575	" left	
576	" showing injury and incomplete healing of head of fibula	
577	" "	
578	" "	
579	" "	
580	" "	
581	" "	
582	" "	
583	" "	
584	" "	
585	" "	
586	" "	
587	" "	
588	" "	
589	" "	
590	" "	
591	" "	
592	" "	
593	" "	
594	" "	
595	" "	
596	" "	
597	" "	
598	" "	
599	" "	
600	" "	
601	" immature	
602	" "	
603	" "	
604	" "	
605	" "	

MOA FOSSILS

NO.	NAME	LOCATION
606	Tibia left	New Zealand
607	" "	
608	" "	
609	" "	
610	" "	
611	" "	
612	" "	
613	" " apical 20 No. 83	
614	" "	
615	" "	
616	" "	
617	" right	
618	" " immature	
619	" "	
620	" "	
621	" "	
622	" "	
623	" "	
624	" "	
625	" "	
626	" "	
627	" "	
628	Pelvis, right acetabulum and fragmental portion of ilium	
629	Pelvis, Mesopteryx Didina, Owen	
630	Pelvis, Mesopteryx Didina, Owen	
631	"	
632	"	
633	"	
634	"	
635	"	
636	"	
637	"	
638	"	
639	" showing curvature of spine	
640	"	
641	" Mesopteryx Didina, Owen	
642	Complete right leg composite	
643	Left foot composite, Mesopteryx didina, Owen	
644	Trachea rings, 87 in box	
645	Trachea rings, 237 in box	
646	Trachea rings, 94 in box	
647	Trachea rings, 73 in box	
648	Trachea rings, 73 in box	
649	Trachea rings, 73 in box	
650	Trachea rings, fused segments, 17 in box	
651	Trachea rings, 100 in box	
652	Proximal trachea ring	
653	Proximal trachea ring	
654	Trachea rings, fragmental, one box	
655	Proximal phalanges (large) 72 mm to 105 mm, 7 phalanges in each box	
656	Proximal phalanges, 9 in each box	
657	Proximal phalanges, 8 in each box	
658	Proximal phalanges, medium, 71 mm to 50 mm, 12 phalanges per box	
659	Proximal phalanges, medium, 14 per box	
660	Proximal phalanges, medium, 15 in box	
661	Proximal phalanges, medium, 16 in box	
662	Proximal phalanges, medium, 17 in box	

MOA FOSSILS

NO.	NAME	LOCATION
709	Proximal phalanges, small, 31 in box	New Zealand
713	Proximal phalanges, small, 25 in box	
714	Medial phalanges, 32 in box	
715	" " 92 in box	
716	" " 59 in box	
717	" " 109 in box	
718	" " 73 in box	
719	" " 88 in box	
720	" " 110 in box	
721	Immature phalanges, 26 in box	
722	" " 33 in box	
723	" " 14 in box	
724	" " 15 in box	
725	" " 60 in box	
726	Proximal phalange right medial toe (showing decay of bone)	
727	" " left " " " " " "	
728	Phalanges showing fusion of broken bones resulting in the loss of movement of 3 joints	
729	Phalanges showing fusion of broken bones resulting in the loss of movement of 3 joints	
730	Proximal phalange	Shag Point, New Zealand
731	" "	" " " "
732	" "	" " " "
733	" "	" " " "
734	Distal phalanges, 59 in box	
735	1 set phalanges, (right foot)	
736	Angular bone	
737	" "	
738	Post orbital process	
739	" " "	
740	Presphenoid	
741	"	
742	"	
743	Mandible fragments	Shag Point, New Zealand
744	" "	
745	" "	
746	" "	
747	" "	
748	" "	
749	" "	
750	" "	
751	" "	
752	" "	
753	" "	
754	" "	
755	" "	
756	" "	
757	Jugal fragment	
758	" "	
759	" "	
760	Proximal caudals vertebrae	
761	" " "	
762	" " "	
763	" " "	
764	" " "	

MOA FOSSILS

NO.	NAME	LOCATION
765	Caudal vertebra	
766	" "	
767	" "	
768	" "	
769	" "	
770	" "	
771	" "	
772	Fused distal caudal (pygostyle)	
773	" " " "	
774	" " " "	
775	Sternal ribs	
791	Coracoid	
792	" "	
793	" "	
794	Sacral rib	
795	" "	
796 to 798	Right ribs with distal portion cut to show structure	
799	Left rib with medial portion and uncinat process	
800	right rib distal portion with head removed to show detail	
801 to 815	right ribs	
816 to 828	right ribs	
829 to 840	left ribs	
841	left rib with uncinat process	
842 to 845	Left rib	
846	Left patelae	
847	" "	
848	" "	
849	" "	
850	" "	
851	" "	
852	" "	
853	" "	
854	" "	
855	right patelae	
856	" "	
857	" "	
858	" "	
859	" "	
860	" "	
861 to 863	Phalanges showing amputation	
864 to 872	Left Fibulae in box	
873 to 875	" "	
876 to 879	right fibulae	
880	Right fibulae no.2	
881	Right fibula	
882	" " immature	
883	" "	
884	" "	
885	Hyoid	
886	Hyoid	
887	Skull, Dinornis robustus (partial reconstruction)	
888	Incisor, left	
889	Incisor, left	
890	" right	
891	" right	
892	" right	
893	" right	

NOA FOSSILS

NO.	NAME	LOCATION
894	Tarsus right, medial condyle removed to show immature fusion.	New Zealand
895	Tarsus left, Dinornis, distal portion removed to show internal structure	
896	Tarsus right	
897	" right	
898		